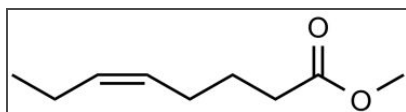




Technical Data Sheet

BRI Product Number:	493
BRI Product Name:	GUAVANATE
CAS Number:	41654-15-3
FEMA Number:	4165
EU FLAVIS Number:	09.934
China GB Number:	S0941
Molecular Weight:	156.22
Molecular Formula:	C ₉ H ₁₆ O ₂



Synonyms:

- ▶ 5-Octenoic acid, methyl ester, (5Z)-,
- ▶ GUAVANATE,
- ▶ GUAVANATE IS A TRADEMARK OF BEDOUKIAN RESEARCH,
- ▶ METHYL CIS-5-OCTENOATE,
- ▶ Methyl z-5-octenoate,

CAS Name:

5-Octenoic acid, methyl ester, (5Z)-

APPLICATION INFORMATION

Odor Description:

Sweet, exotic, slightly woody notes with a creamy dry-down.

Fragrance Use:

Juicy, sweet tropical fruit notes, aromatic, slightly woody impressions with a creamy coconut dry-down. Contributes complexity and depth to fruity florals and tropical accords, specifically guava and mango.

Recommended Fragrance Use Level:

Traces – 2.0%

Taste Description:

Exotic, musty, tropical note, characteristic of pink guava and creamy notes of mango.

Flavor Use:	Excellent for mango, guava, the sweet part of durian, longan, grapefruit, melon, apple, banana, pineapple, and other tropical fruit flavors. Can also be used for creamy notes of coconut and sweet dairy flavors.
Recommended Flavor Use Level:	1.0 – 10 PPM
SPECIFICATIONS	
Minimum Purity:	98.0% (sum of isomers)
 Main Isomer:	97.0% min.(cis)
 Secondary Isomer:	1.0% – 2.9%(trans)
Appearance:	colorless liquid
Refractive Index:	1.432 : 1.436 at 20 deg C
Specific Gravity:	0.896 : 0.902 at 25 deg C
Additives:	None
TECHNICAL INFORMATION	
Flash Point:	159 deg F (CC)
Boiling Point (approx):	197.05 C (EPI 4.0)
Solubility:	insoluble in water, soluble in alcohol
Log P:	3.105
Kosher:	YES
Halal:	YES
RIFM Monograph:	YES
Natural:	NO
Nature Identical:	YES
Regulatory Status:	TSCA NDSL EINECS(639-102-0)
Export Tariff Code:	2916.19.6000
Shipped as Dangerous Good:	NO
PACKAGING AND STORAGE	
Recommended Packaging:	Glass, Plastic, Aluminum or Phenolic Lined Steel
Shelf Life:	36 months from manufacture date(when stored as recommended)
Recommended Storage:	Store tightly sealed under inert gas in a cool, well-ventilated area.

Note:

BRI's Products are not for use in tobacco products, e cigarettes, or any other nicotine delivery devices; nor for use in non-tobacco delivery mechanisms such as vaping devices.

Last Revised:

06/17/2024

